

Mark the best answer.

1. What is the best estimate for $6,501 + 1,423$? (2-3)

A 7,000
B 8,000
C 8,500
D 9,000

2. Round $75.\underline{8}09$ to the place of the underlined digit. (2-2)

A 75.8
B 75.9
C 76
D 80

3. Jon is preparing for a bicycle race. His time for the first five miles is 5.531 minutes. His time for the second five miles is 6.93 minutes. What is his combined time for the first ten miles? (2-5)

A 12.651 minutes
B 12.461 minutes
C 12.001 minutes
D 1.401 minutes

4. Sam needs to add 42 and 59 using mental math. What is the missing number that makes the statement true? (2-1)

$$42 + 59 = 42 + (8 + 51) \\ = (42 + \underline{\quad}) + 51$$

A 101
B 10
C 9
D 8

5. Which two diver's scores combined are less than 17? Use estimation to decide. (2-3)

Divers	Joe	Dave	Phil	Bill
Scores	7.9	9.8	8.1	9.3

A Joe and Phil
B Dave and Bill
C Joe and Dave
D Bill and Phil

6. Tim's book bag weighs 19.7 pounds when full, and Erin's book bag weighs 12.6 pounds when full. How much heavier is Tim's book bag than Erin's book bag when they are full? (2-6)

A 6.3 pounds
B 7.1 pounds
C 9.3 pounds
D 32.3 pounds

7. The table shows the weights of two loaded eighteen-wheeler trucks. How much heavier is the first truck than the second truck? (2-4)

Trucks	Weight
Truck 1	76,656 pounds
Truck 2	74,789 pounds

- A 151,445 pounds
 B 1,987 pounds
 C 1,867 pounds
 D 1,767 pounds
8. Round 404,176 to the place of the underlined digit. (2-2)
- A 400,000
 B 405,000
 C 404,000
 D 410,000

9. Which picture represents the problem?

At a baseball game one vendor had 67 frozen-juice bars in three different varieties: orange, strawberry, and lemon. If 21 frozen-juice bars are orange and 19 frozen-juice bars are strawberry, how many frozen-juice bars are lemon? (2-7)

A $\frac{21 \text{ frozen-juice bars in all}}{27 \quad 19 \quad ?}$

B $\frac{67 \text{ frozen-juice bars in all}}{21 \quad 19 \quad ?}$

C $\frac{19 \text{ frozen-juice bars in all}}{27 \quad ?}$

D $\frac{? \text{ frozen-juice bars in all}}{21 \quad 19 \quad 67}$

10. A sporting goods store has 243 footballs and 313 baseballs in stock. How many balls does the store have in all? Use mental math to solve (2-1)

- A 656
 B 655
 C 556
 D 543

Name _____

- 11.** Kim and Brian are chess players. Kim's winning percentage is 0.657. Brian's winning percentage is 0.562. How much higher is Kim's winning percentage than Brian's? (2-6)

A 0.059
B 0.095
C 0.509
D 0.905

- 12.** Jen logged the miles she jogged in the table shown. Which is the best estimate of the total distance Jen jogged in five days? (2-3)

Day	1	2	3	4	5
Distance (miles)	4.1	5.6	4.2	6.1	5.7

A 10 miles
B 20 miles
C 26 miles
D 30 miles

- 13.** What is $89.43 + 8.31$? (2-5)

A 98.53
B 98.39
C 97.84
D 97.74

- 14.** The Mesozoic Era began about 250,000,000 years ago. The Paleozoic Era began 292,000,000 years before that. How long ago did the Paleozoic Era begin? (2-4)

A 42,000,000 years
B 492,000,000 years
C 542,000,000 years
D 556,000,000 years